

INTEGRATED **WORKFORCE** MANAGEMENT

SOLOINSIGHT provides technologies and solutions related to the human recognition that targets the security And workforce management markets. It uses the most advanced Face, Retina and Fingerprint recognition based hardware, software and integrated solutions for Access Control, Time & Attendance and Visitor / Member management. It is one of the pioneers in biometric industry and has products that have accuracy rates around 99% and solutions that can be used for ONE to a few HUNDRED THOUSAND users. Currently it is addressing Pakistani, Australian and Turkish markets.

It started off with a simple idea: there had to be an easier way to record employee time transactions. And then one innovation led to another and that idea grew into something we now call workforce management.

What does that really mean? Plainly put, we help organizations across a variety of industries manage their most valuable, and expensive, strategic asset — their workforce.

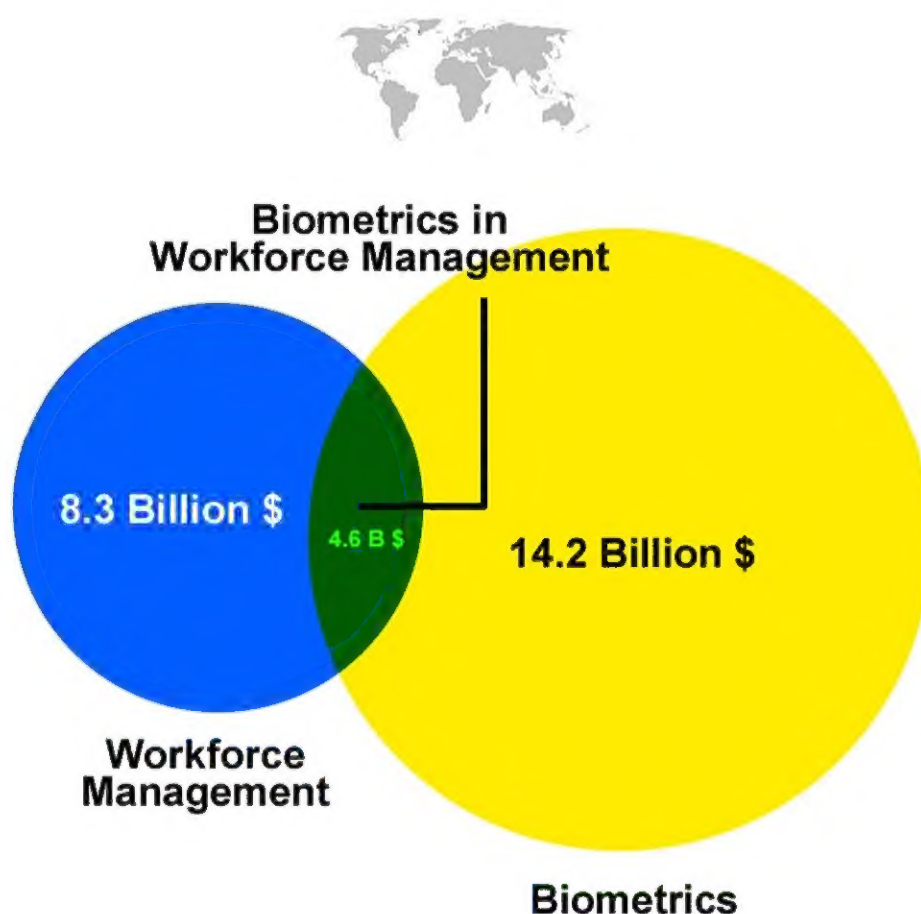
How? By giving them the tools they need to help them control labor costs, minimize compliance risk, and improve workforce productivity. The easy-to-own workforce management solutions from SoloInsight make complete automation and high-quality information a reality. And it's all delivered with exceptional service, for the experience you expect.

We take the complexities involved with recording time and attendance transactions, scheduling diverse workforces, and managing employee absence and we simplify them in the cloud. We streamline HR and payroll processes. We help organizations hire the best people and make smarter decisions. And with over hundred organizations in more than 3 countries — including quite a few among the Fortune 1000 — we're helping businesses all around the globe to better manage their workforce.

MARKET SIZE

The size of the current global biometrics market is estimated to be around US \$ 14.2 Billion and the current global workforce management market is estimated to be around US \$ 8.3 Billion.

The overlap of biometrics in use of global workforce management market is estimated to be around US \$ 4.6 Billion



SUCCESS AS A BUSINESS

In Pakistan, SoloInsight has been extremely successful in the large-scale industrial sector. It signed up 40 projects in last 8 months. Main customers include NADRA, Pakistan Army, MCB Bank and Allied Bank of Pakistan for a combined order of over US \$ 2 million in the first phase.

Customer are lining up and willing to pay 80 % advance. Partners in Australia & Turkey have committed to invest US \$ 1 million each in sales and marketing in their respective regions as well have place a combined initial order of US \$ 1 million.

CLIENT BASE 100+ and GROWING !!



PEPSICO

SURAJ
سورج



UG
of Companies



Pakistan
Army



DISTRIBUTORS SIGNED IN



PAKISTAN



AUSTRALIA



TURKEY



USA

AWARDS & RECOGNITIONS

Certifications



30 + International Awards and Recognitions



Global Innovation through
Science and Technology

P@SHA

launchpad

A Liftoff for Groundbreaking Ideas



P@SHA ICT Awards 2010



Australia



for SOCIAL INNOVATION

WORKFORCE MANAGEMENT CHALLENGES



5 workers or 500,000 workers



Multiple locations



Roaming Workers



Verticals / Profession / Seniority



Literacy Level



Languages



Disability



Biometric Disability



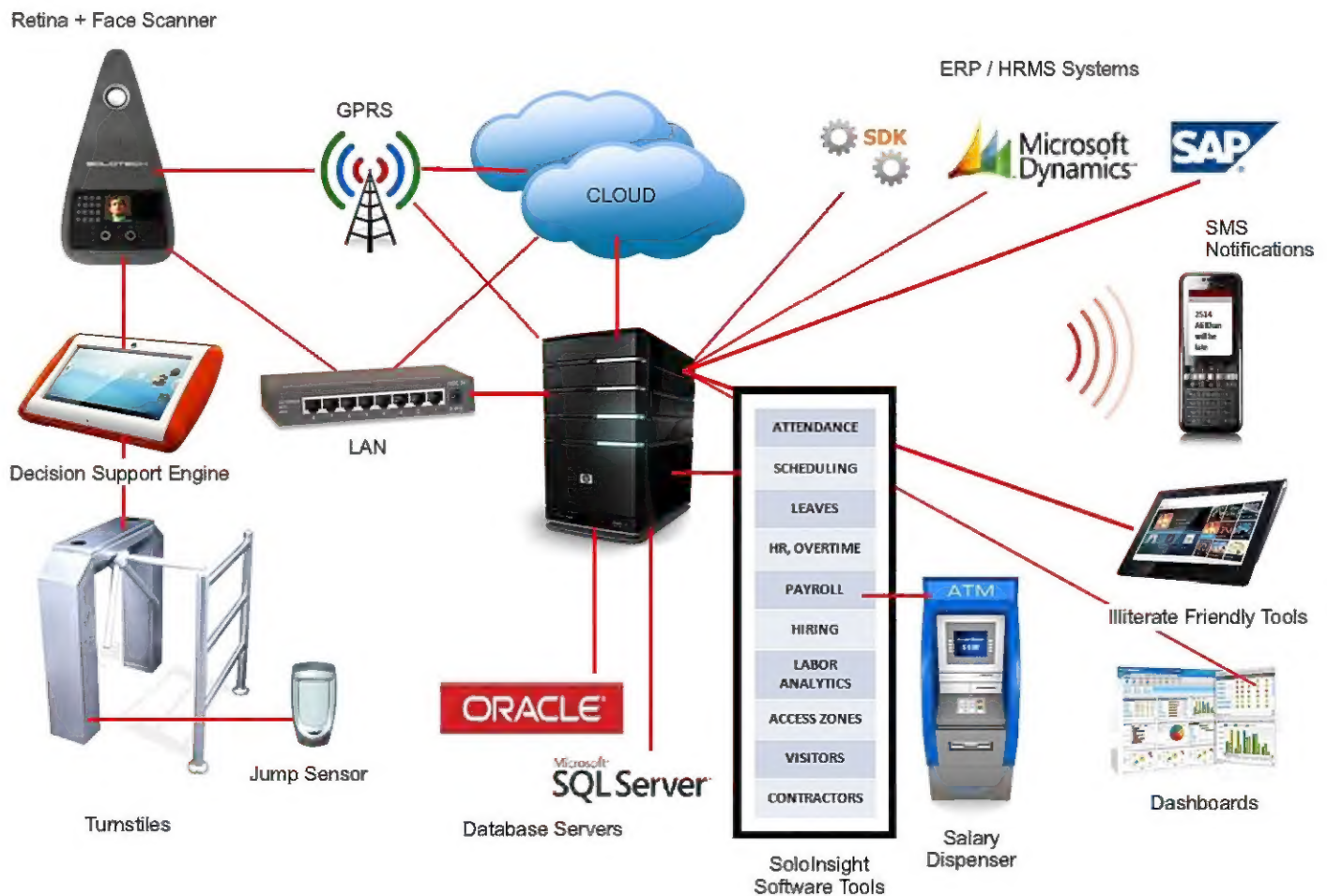
Shifts

Through our extensive research and development, as well as actual implementations we have identified and solved workforce management challenges that may involve a workforce as small as 5 or as large as tens of hundreds of thousands, working from different locations in different time zones and in fixed or rotating shifts and or are on overtime.

The workers may roam from one company location to another or even work from client locations and belong to all course of different verticals, profession, ranks and positions. Workers may be illiterate, digitally challenged or highly qualified and may speak or read different languages.

Similarly workers may have a physical or biometric disability, SoloInsight caters all under one umbrella.

WORKFORCE MANAGEMENT CHALLENGES



SoloInsight forte is Integration. It does not matter how complex the requirement is or which third party hardware or software component is used, we safeguard your past investments by integrating them with our whole set of central solutions.

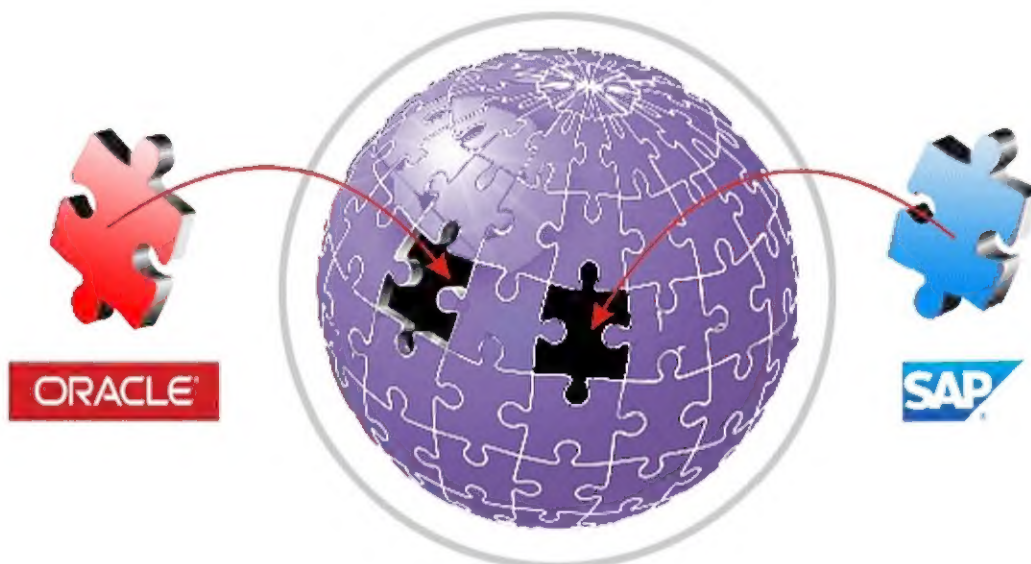
It may be integrating a biometric system with access control or with different human resource management system tools, database management systems and enterprise resource planning systems.

It does not matter how complex a integration challenge is, SoloInsight is dedicated to solve it !

WORKFORCE MANAGEMENT CHALLENGES

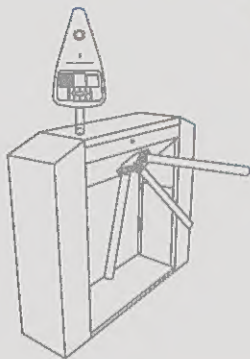


We offer 360 degree workforce management solution which is modular and can be seamlessly integrated with SAP, Oracle, Microsoft and any other third party components.





- Fast
- Accurate
- Easy
- Reliable
- Contactless



- Access Control
- Staff Attendance
- Visitors Management
- Payroll



FAST, ACCURATE & EASY-TO-USE DEVICE.
SO USER FRIENDLY THAT YOU CAN HARDLY
MAKE ANY MISTAKE IN USING IT.

No affect from beard, non glared glasses, mustache and shave



Reports

- Monthly Grid Report
- Present Report
- Absent Report
- Late Report
- Time Out Report
- Attendance Summary

Integration SDK Kit

Optional SmartXS Integration Manager Kit can be purchased for custom integration into your existing payroll, HRMS, ERP and Reporting Systems.

- SmartXS Integration Automater Is also available

No Buddy Punching
Accepts Only Human Faces
Declines Fake Photographs
Matches 1 million faces in 1 sec

Time Attendance Software

- Enrollment Module - Employees Profile
- Duty Schedule Management
- Leaves Module
- Rest Day and Holidays
- Time Office Manual Tasks

Force IN / OUT
Absent to Present
Present to Absent

Fool-Proof Multi-Location Workforce Management



Core2Duo Laptop Recommended

3D Face Recognition

Fingerprint Recognition

Photo Evidence Capture

GPS Receiver



FS1

Captures

Employee Name

Employee ID

GPS Coordinates

Location of Attendance

Date & Time

Log-In

Log-Out

Break-In

Break-Out

Integration with Software Tools

Attendance Client and Server Software (Basic)

Workforce Management Suite (Enterprise)

Third Party Tools

Client Supports Multi-User Access

Work Order Management

Client Location based Task Management

Assign and Monitor Task Status

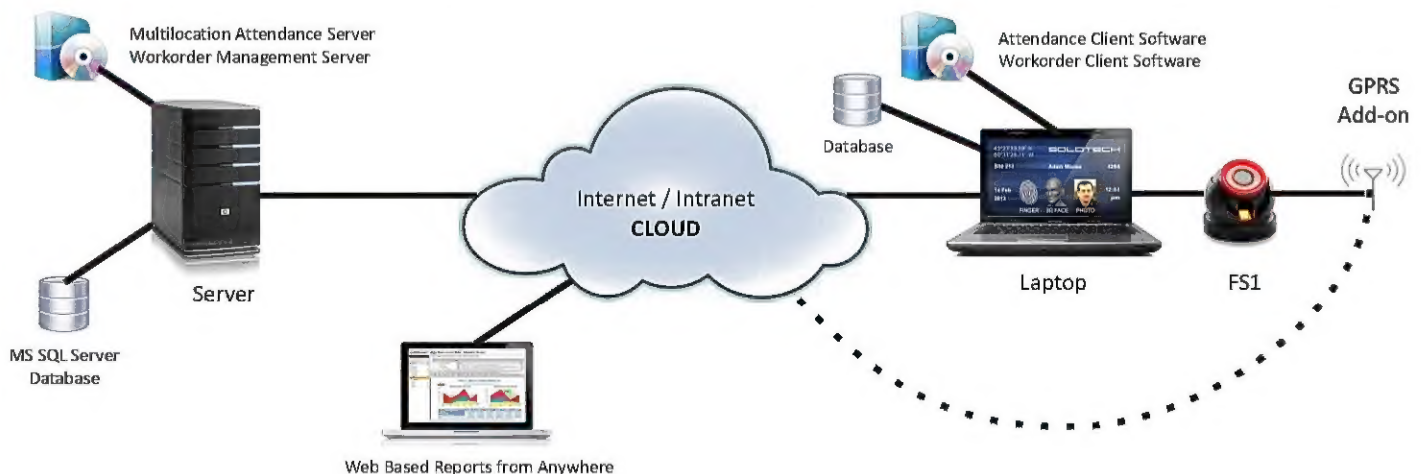
Push Data to server through Internet

Save offline sync later if network not available

GPRS Add-on Available

Fool-Proof Multi-Location Workforce Management

FIELDXS COMPONENTS



FIELDXS Attendance Marking Workflow





SmartXS Xs102

Eyes + Facial Recognition integrated with Attendance & Payroll applications.



Deepfake Face Recognition



Height & Anus Detection



Speech Recognition



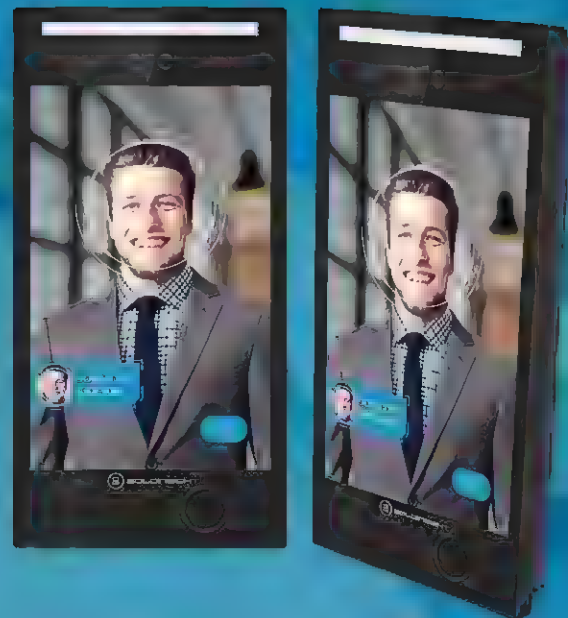
Video Pose Analysis



Touchless for Hygiene

Attendance Magic

Attendance and Payroll Application



SmartXS XS1 is a touchless multi-biometric identification terminal featuring Soloinsight Inc. Eyes + Facial Recognition Technology

with the latest algorithm and Eyes + Facial Recognition technologies, this device will automatically perform Eyes & Facial recognition from the target in a long distance when it detects a human face in the detection distance to deliver better recognition quality in terms of speed and accuracy than the previous models (SIPL Recognition devices) with the applied deep learning algorithm.

Specifications

Usage	Industrial Usage
Models	Xs102
Template Capacity	50,000
User Method	Eye + Facial Recognition
Visitor Method	Card + Photo
Matching Version	0.3 Secs
Algorithm Version	SoloSence™ 6r
Sensors	Infra-Depth Sensing + Sonare™
Records Capacity	200,000
LCD	Industry 7 Inch Touch Screen. Resolution 1280*800
Communication	TCP/IP , USB and Wi-Fi
Power	12 v DC - 2A
Working Temperature	0°C to 40°C 32°F to 104°F Humidity 18% to 80%
Weight	0.76kg
Working Distance	1 to 7 feet approx
Card Reader	EM Microelectronic Marin SA - EM4100 125KHz
Outputs	Dry Contact Relay Output, Standard Wiegand 26/34 output
Processor	1GHz Dual-core CPU, 8 GB RAM/ROM
Certifications	CE FC ROHS CLASS A



SOLOTECH

Installations Gallery of Selective Installations

Industry **Textile – Spinning Mill**

Permanent **650**

Contractors **389**

Total Strength **1039**

Device Type **SmartXS x 2**

Turnstile **2**

Software Type **Advanced Attendance**

Deployed Since

August 2010

Group Wide Business Status

Completed Projects



Monnoo Industries Ltd.



MONNOO INDUSTRIES LTD.

ILLAQA KAISAR MONNOO

LAHORE

ISO 9001:2008 CERTIFIED







Tahir Mahmood
Resident Director – Monnoo
Group









Industry

Manufacturer

Permanent

430

Contractors

170 +

Total Strength

600 +

Device Type

SmartXS x 2

Turnstile

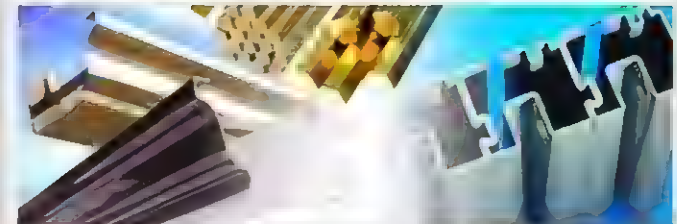
2

Software Type

Basic Attendance &

Deployed Since

June 2011



Chawla Aluminium







Industry	Automobile	
Permanent	1200	
Contractors	800 +	
Total Strength	2000 +	
Device Type	Secure Face x 2	16,000 \$ each
Turnstile	2	
Software Type	Advanced Attendance	
Deployed Since	June 2010	







Industry **Food Packaging & Processing**

Permanent **480**

Contractors **300 +**

Total Strength **780 +**

Device Type **SmartXS x 4**

Turnstile **2**

Software Type **Advanced Attendance**

Deployed Since

September 2011



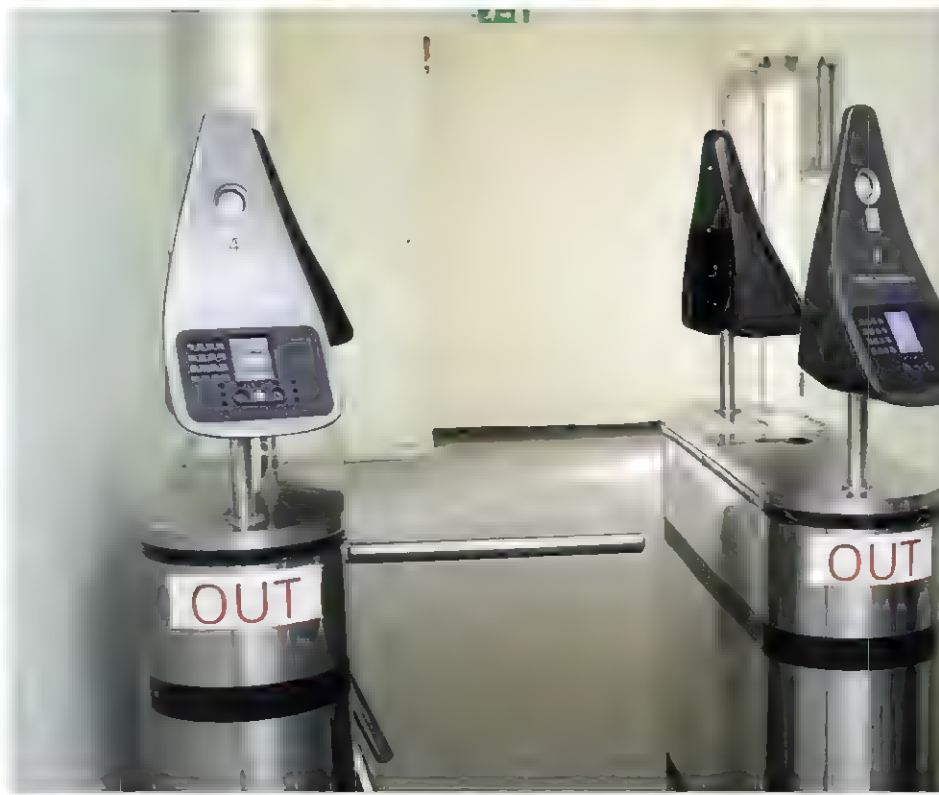
Swiss

TetraPak









Industry **Food Packaging & Processing**

Permanent **3,500**

Contractors **1,500 +**

Total Strength **5000 +**

Device Type **Secure Face x 2**

Turnstile **2**

Software Type **Advanced Attendance**

Deployed Since

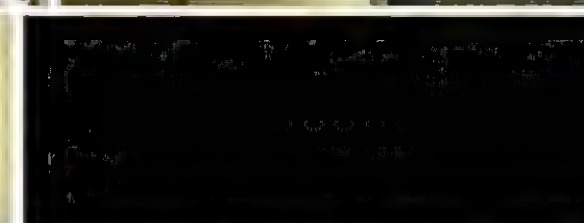
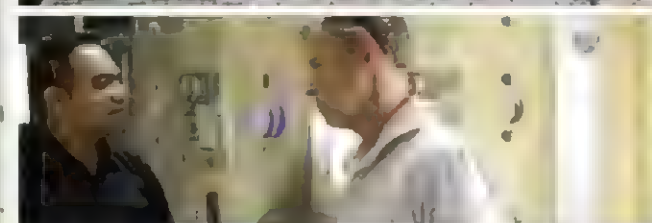
July 2011



American

Pepsi Cola International



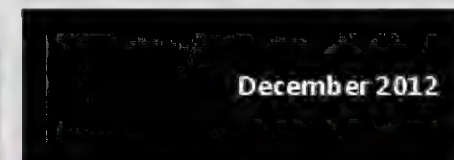




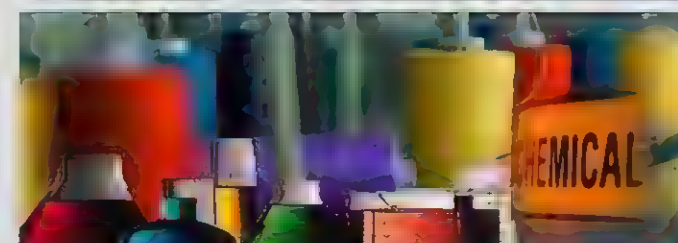
Industry	Textile Dyes & Chemicals
Permanent	75
Contractors	100 +
Total Strength	175 +
Device Type	SmartXS x 2
Turnstile	0
Software Type	Basic Attendance Suite



Deployed Since



December 2012



German

CHT Chemicals





Industry

Textile – Spinning Mill

Permanent

700

Contractors

400 +

Total Strength

1100 +

Device Type

SmartXS x 2

Turnstile

2 (Order Under Process)

Software Type

Advanced Attendance

Deployed Since

January 2014

Suraj Cotton Mills







Industry	Textile – Spinning
Permanent	660
Contractors	398 +
Total Strength	1058 +
Device Type	SmartXS x 2
Turnstile	2
Software Type	Advanced Attendance
Deployed Since	July 2012



Rawal Textiles Mills





Industry	Textile – Spinning
Permanent	670
Contractors	401 +
Total Strength	1071 +
Device Type	SmartXS x 2
Turnstile	2
Software Type	Advanced Attendance
Deployed Since	July 2012



Olympia Blended Fibrer Mills 2





Group Wide Business Status

SoloTech Projects 2

Completed 5

Pitched / Under Process 0

Group Workforce 2,500 +

Industry

Textile – Spinning

Permanent

1800

Contractors

700 +

Total Strength

2500 +

Device Type

SmartXS x 5

Turnstile

4

Software Type

SDK

Deployed Since

November 2013

Tanveer Cotton Mills

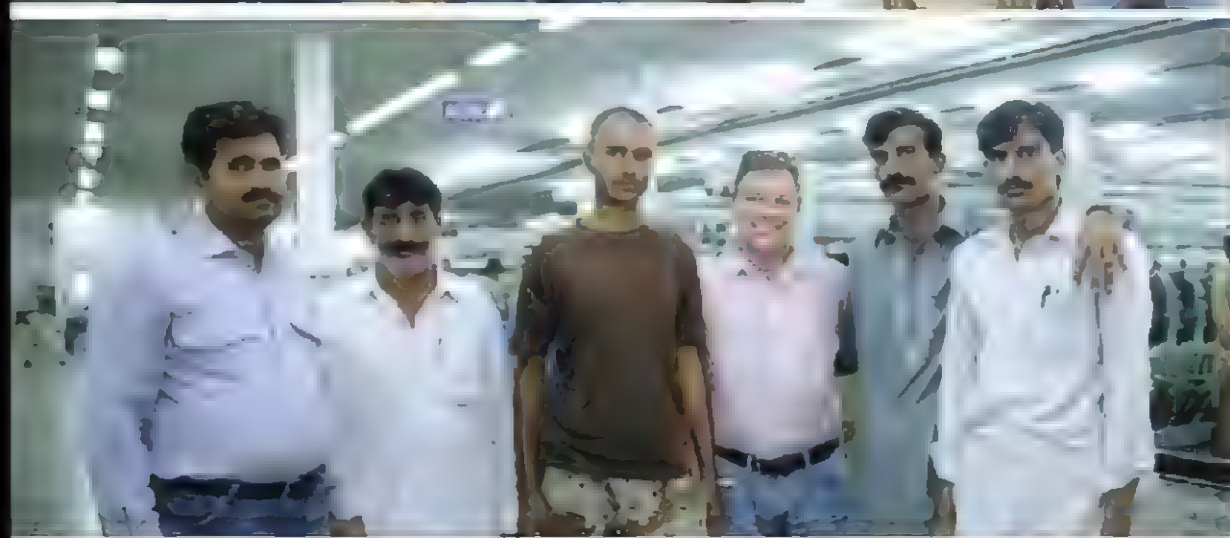
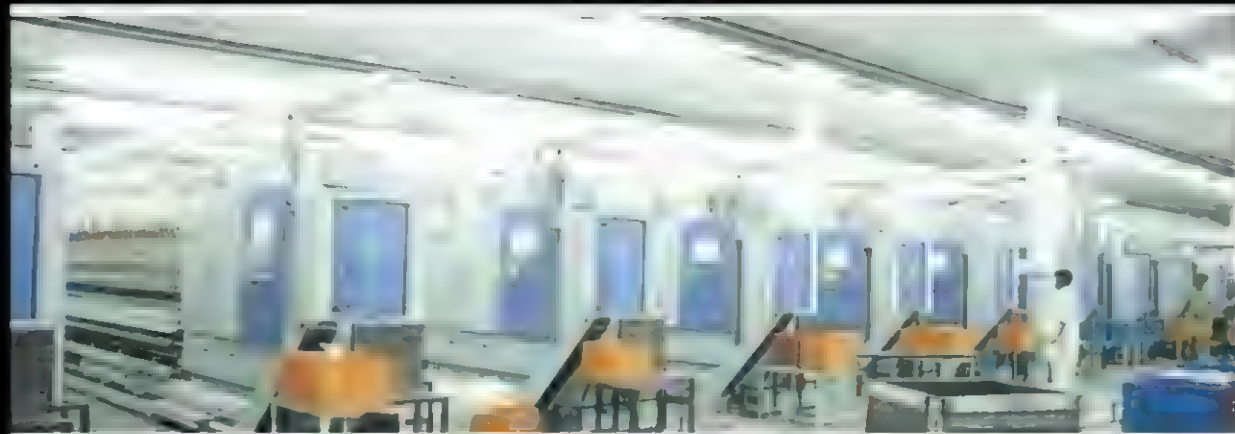




Industry	Textile – Spinning
Permanent	750
Contractors	391 +
Total Strength	1141 +
Device Type	SmartXS x 2
Turnstile	2
Software Type	Advanced Attendance + Payroll
Deployed Since	July 2011

WESTPOINT
HOME

Blessed Textiles Mills – Unit 1



Workforce in 3 Units **3,500+**

Completed

Industry

Textile – Spinning Mills

Permanent

3000

Contractors

800 +

Total Strength

3800 +

Device Type

SmartXS x 6

Turnstile

6

Software Type

Advanced Attendance + Payroll

Deployed Since

April 2013

سیف ٹیکسٹائل
میل
میل







Industry	Restaurant
Permanent	300
Contractors	140 +
Total Strength	440 +
Device Type	SmartXS x 1
Turnstile	0
Software Type	Basic Attendance
Deployed Since	June 2010



Group Wide Business Status

SoloTech Projects 5

Completed 5

Planned / Under Review 0

Group Workforce 1,200 +

Monal Restaurant

Workforce at 11 Units **3,500+**

Completed Units **11**

Industry	Beverage
Permanent	3500
Contractors	1500 +
Total Strength	5000 +
Device Type	Secure Face x 11
Turnstile	11
Software Type	Basic Attendance

Deployed Since	January 2010
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pepsi®







Workforce at 1st Unit 500

Completed Units 1



Industry	Ceramics
Permanent	500
Contractors	299 +
Total Strength	799 +
Device Type	SmartXS x 2
Turnstile	2 Wing Gates
Software Type	Basic Attendance
Deployed Since	September 2013

